

ABSTRACT

Disclosed are blends of polystyrene and at least one of syndiotactic polypropylene, ethylene propylene copolymers, and styrene-butadiene-styrene triblock copolymers. These blends are prepared using solution polymerization and have unique morphologies and desirable physical properties. The blends can also be prepared with graft-promoting or crosslinking agents and rubbers to prepare modified high impact polystyrene.